



ALGEBRAIC FRACTIONS

ADDITION AND SUBTRACTION

Ref: G282. **1R1**

A1 Simplify $\frac{x}{5} + \frac{3x}{4}$	A2 Simplify $\frac{3x}{2} - \frac{5x}{6}$	A3 Simplify $\frac{x+3}{5} + \frac{x-5}{4}$	A4 Simplify $\frac{2x-1}{3} - \frac{2}{5}$
B1 Simplify $\frac{4}{x-1} + \frac{3}{x+1}$	B2 Simplify $\frac{3}{x+1} - \frac{6}{2x+3}$	B3 Simplify $\frac{3}{2x-3} - \frac{1}{x+2}$	B4 Simplify $\frac{3}{x-1} - \frac{2}{x}$
C1 Simplify $\frac{2}{x-1} + \frac{x-11}{x^2+3x-4}$	C2 Simplify $\frac{2}{x+2} + \frac{x}{x^2+5x+6}$	C3 Simplify $\frac{2}{x-1} + \frac{x}{x^2-4x+3}$	C4 Simplify $\frac{5}{2x-6} - \frac{x+2}{x^2-4x+3}$
D1 Simplify $1 + \frac{4}{(x+3)(x-2)}$	D2 Simplify $1 + \frac{x^2+x-6}{(x+4)(x-2)}$	D3 Simplify $2 + \frac{5-x}{x^2-2x-15}$	D4 Simplify $5 - (x+2) \div \left(\frac{x^2-4}{x-3} \right)$